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10/763,618	01/23/2004	Jean Margaret Aschenbrenner	BLD920030001US2	7292

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EXAMINER
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EBRAHIMI DEHKORDY, SAEID

ART UNIT	PAPER NUMBER
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2625

NOTIFICATION DATE	DELIVERY MODE
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01/15/2008

ELECTRONIC

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

Notice of the Office communication was sent electronically on above-indicated "Notification Date" to the following e-mail address(es):

tuciplaw@us.ibm.com

## Office Action Summary

Application No.

10/763,618

Applicant(s)

ASCHENBRENNER ET AL.

Examiner

Saeid Ebrahimi-dehKordy

Art Unit

2625

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

### Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

### Status

- 1) ☐ Responsive to communication(s) filed on \_\_\_\_.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

### Disposition of Claims

- 4) ☒ Claim(s) 1-40 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 1-4, 7-12, 16-22, 26-28, 32-36 and 40 is/are rejected.
- 7) ☒ Claim(s) 5, 6, 13-15, 23-25, 29-31 and 37-39 is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_ are subject to restriction and/or election requirement.

### Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 06 July 2004 is/are: a) ☒ accepted or b) ☐ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

### Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some \* c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

\* See the attached detailed Office action for a list of the certified copies not received.



### Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☒ Information Disclosure Statement(s) (PTO/SB/08)  
Paper No(s)/Mail Date 1/23/04.
- 4) ☐ Interview Summary (PTO-413)  
Paper No(s)/Mail Date. \_\_\_\_.
- 5) ☐ Notice of Informal Patent Application
- 6) ☐ Other: \_\_\_\_.

## DETAILED ACTION

### *Claim Rejections - 35 USC § 102*

1. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

2. Claims 1-4, 7-12, 16-22, 26-28, 32-36 and 40 are rejected under 35 U.S.C. 102(b) as being anticipated by Crandall et al (U.S. patent 5,963,641)

**Regarding claim 1, 7, 10, 17, 20, 27, 32 and 35** Crandall et al disclose: A method comprising: identifying at least one presentation object to be included in a print job (note abstract, also note column 5, lines 15-24, where the presentation of the job is gleaned by the structure of the job) recognizing each combination of presentation parameters associated with each appearance of the at least one presentation object within the print job (note Fig.1, items 12, 16, 14 and 18, column 5, lines 25-42) rasterizing the at least one presentation object according to each recognized combination of presentation parameters to create a rasterized object for each such combination (note Fig.1, column 5, lines 45-54, where in the parameters such as fonts, style and images are determined) caching each rasterized object in a local storage (note Fig.1 items 20, 22, 24, 30 and 32, wherein the preferences are stored, column 5, line 45 to column 6, lines 2) and utilizing the appropriate rasterized object from storage when printing a portion of the print job requiring inclusion of the at least one presentation object (note again Fig.1, column 5, line 45 to column 6, line 7).

**Regarding claim 2** Crandall et al disclose: The method of claim 1 wherein the step of caching

comprises associating each rasterized object with an object label and at least one presentation parameter identifier whereby the appropriate rasterized object may be identified (note Fig. 1 column 5, lines 55-60).

**Regarding claim 3** Crandall et al disclose: The method of claim 1 further comprising saving an original version of each at least one presentation object in the local storage (note Fig. 1, item 22, column 5, lines 45-47).

**Regarding claim 4** Crandall et al disclose: The method of claim 3 further comprising: selecting at least one category of blocked errors to be ignored during printing; and if an unblocked error occurs during the rasterization of the at least one presentation object, aborting the rasterization whereby the presentation object will be rasterized during printing and the unblocked error reported (note Fig. 1, item 36, column 5, lines 45-65).

**Regarding claim 8** Crandall et al disclose: The method of claim 7 further comprising sending blocked error information to the printer to indicate at least one type of error that may be ignored during the rasterization process (note column 6, lines 3-7).

**Regarding claim 9** Crandall et al disclose: The method of claim 7 wherein the combination of presentation parameters identified in the preRIP command comprises a subset of the presentation parameters needed for inclusion of the object in the print job (note Fig. 1, items 34, 22, 20 and 18, column 5, lines 43-48).

**Regarding claim 11** Crandall et al disclose: The method of claim 10 further comprising storing an original, un-rasterized version of each presentation object in the cache (note Fig. 1, steps 22-24, column 5, lines 45-50).

**Regarding claim 12** Crandall et al disclose: The method of claim 11 further comprising

associating with each stored rasterized object an object label identifying the presentation object and a parameter label identifying the parameters used in rasterizing the object (note Fig.1 column 5, lines 55-60).

**Regarding claim 16** Crandall et al disclose: The method of claim 10 further comprising:

receiving at a printer blocked error information identifying at least one type of error that may be ignored during the rasterization process; and wherein if an unblocked error occurs during the rasterization of the presentation object, aborting the rasterization and storing the original, unrasterized object in the cache for rasterization at a print time (note Fig.1, column 5, line 55 to column 6, line 8).

**Regarding claim 18** Crandall et al disclose: The media of claim 17 further comprising computer program instructions effective when executing on a print server to send blocked error information to the printer to indicate at least one type of error that may be ignored during the rasterization process (note Fig.1, item 36, column 5, lines 45-65).

**Regarding claim 19** Crandall et al disclose: The media of claim 17 wherein the combination of presentation parameters identified in the preRIP command comprises a subset of the presentation parameters needed for inclusion of the object in the print job (Fig.1, items 22, 24, 34 and 30, column 5, line 45 to column 6, line 2).

**Regarding claim 21** Crandall et al disclose: The media of claim 20 further comprising computer program instructions effective when executing on a printer to store an original, un-rasterized version of each presentation object in the cache (Fig.1, items 22, 24, 34 and 30, column 5, line 45 to column 6, line 2).

**Regarding claim 22** Crandall et al disclose: The media of claim 21 further comprising computer

program instructions effective when executing on a printer to associate with each stored rasterized object an object label identifying the presentation object and a parameter label identifying the parameters used in rasterizing the object (note Fig.1, items 22-24 and 34, column 5 lines 43-50).

**Regarding claim 26** Crandall et al disclose: The media of claim 20 further comprising computer program instructions effective when executing on a printer to: receive blocked error information identifying at least one type of error that may be ignored during the rasterization process; and wherein if an unblocked error occurs during the rasterization of the presentation object, the rasterization is aborted and the original, unrasterized object is stored in the cache for rasterization at a print time (note Fig.1, column 5, line 55 to column 6, line 8, also note column 5, lines 25-35).

**Regarding claim 28** Crandall et al disclose: The apparatus of claim 27 wherein the caching module further stores the original, un-rasterized version of each presentation object in the local cache (note Fig.1, items 20-24, column 5, lines 45-50).

**Regarding claim 33**. The print server of claim 32 wherein said communication module further sends blocked error information to the printer indicating at least one type of error that may be ignored during the rasterization process (note Fig.1, item 36, column 5, lines 45-65).

**Regarding claim 34**. The print server of claim 32 wherein the combination of presentation parameters identified in the preRIP command comprises a subset of the presentation parameters needed for inclusion of the object in the print job (note again Fig.1, column 5, line 45 to column 6, line 7).

**Regarding claim 36**. The printer of claim 35 wherein the storage module further associates with

each stored rasterized object an object label identifying the presentation object and a parameter label identifying the parameters used in rasterizing the object (note Fig.1, column 5, line 43 to column 6, line 7).

**Regarding claim 40.** The printer of claim 35 wherein the communication module further receives blocked error information identifying at least one type of error that may be ignored during the rasterization process; and wherein, if the rasterization module detects an unblocked error during the rasterization of the presentation object, the rasterization is aborted (note Fig.1, column 5, line 55 to column 6, line 8, also note column 5, lines 25-35).

***Allowable Subject Matter***

3. Claims 5, 6, 13-15, 23-25, 29-31 and 37-39 are objected to as being dependent upon a rejected base claim, but would be allowable if rewritten in independent form including all of the limitations of the base claim and any intervening claims.

**CONTACT INFORMATION**

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Saeid Ebrahimi-dehKordy whose telephone number is 571-272-7462. The examiner can normally be reached on Mon-Fri, 8:00am-6:00pm.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, David Moore can be reached on 571-272-7437. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300. Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available

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through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

Saeid Ebrahimi  
Patent Examiner  
Group Art Unit 2625  
January 5, 2008

